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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Construct

<220>

<221> MOD_RES

<222> (39)

<223> AMIDATION, Position 39 is Ser-NH2

<400> 26

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Val Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 27

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Construct

<220>

<221> MOD_RES

<222> (39)

<223> AMIDATION, Position 39 is Ser-NH2

<400> 27

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Val Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 28

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Construct

<220>

<221> VARIANT

<222> (23)

<223> Xaa at position 23 is tertiary-butylglycine

<220>

<221> MOD_RES

<222> (39)

<223> AMIDATION, Position 39 is Ser-NH2

<400> 28

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Xaa Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 29

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Construct

<220>

<221> VARIANT

<222> (23)

<223> Xaa at position 23 is tertiary-butylglycine

<220>

<221> MOD_RES

<222> (39)

<223> AMIDATION, Position 39 is Ser-NH2

<400> 29

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Xaa Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 30

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Construct

<220>

<221> MOD_RES

<222> (39)
<223> AMIDATION, Position 39 is Ser-NH2

01
Cont

<400> 30
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Asp Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30
Ser Gly Ala Pro Pro Pro Ser
35

<210> 31
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Construct

<220>
<221> MOD_RES
<222> (39)
<223> AMIDATION, Position 39 is Ser-NH2

<400> 31
His Ala Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30
Ser Gly Ala Pro Pro Pro Ser
35

<210> 32
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Construct

<220>
<221> VARIANT
<222> (31)
<223> Xaa at position 31 is thioproline

<220>
<221> VARIANT
<222> (36)..(38)
<223> Xaa at positions 36,37 and 38 is thioproline

<220>

<221> MOD_RES
<222> (39)
<223> AMIDATION, Position 39 is Ser-NH2

<400> 32
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
20 25 30

Ser Gly Ala Xaa Xaa Xaa Ser
35

<210> 33
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Construct

<220>
<221> VARIANT
<222> (36)..(38)
<223> Xaa at positions 36, 37, and 38 is thioproline

<220>
<221> MOD_RES
<222> (39)
<223> AMIDATION, Position 39 is Ser-NH2

<400> 33
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Xaa Xaa Xaa Ser
35

<210> 34
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Construct

<220>
<221> VARIANT
<222> (31)
<223> Xaa at position 31 is homoproline

<220>
<221> VARIANT
<222> (36)..(38)
<223> Xaa at positions 36, 37, and 38 is homoproline

C1
Cont-
<220>
<221> MOD_RES
<222> (39)
<223> AMIDATION, Position 39 is Ser-NH2

<400> 34
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
20 25 30
Ser Gly Ala Xaa Xaa Xaa Ser
35

<210> 35
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Construct

<220>
<221> VARIANT
<222> (36)..(38)
<223> Xaa at positions 36, 37, and 38 is homoproline

<220>
<221> MOD_RES
<222> (39)
<223> AMIDATION, Position 39 is Ser-NH2

<400> 35
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30
Ser Gly Ala Xaa Xaa Xaa Ser
35

<210> 36
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Construct

<220>
 <221> VARIANT
 <222> (31)
 <223> Xaa at position 31 is thioproline

<220>
 <221> VARIANT
 <222> (36)..(38)
 <223> Xaa at positions 36,37, and 38 is thioproline

<220>
 <221> MOD_RES
 <222> (39)
 <223> AMIDATION, Position 39 is Ser-NH2

<400> 36
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Xaa Ser
 20 25 30
 Ser Gly Ala Xaa Xaa Xaa Ser
 35

<210> 37
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic Construct

<220>
 <221> VARIANT
 <222> (31)
 <223> Xaa at position 31 is homoproline

<220>
 <221> VARIANT
 <222> (36)..(38)
 <223> Xaa at positions 36,37, and 38 is homoproline

<220>
 <221> MOD_RES
 <222> (39)
 <223> AMIDATION, Position 39 is Ser-NH2

<400> 37
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Xaa Ser
 20 25 30

Ser Gly Ala Xaa Xaa Xaa Ser
35

<210> 38
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Construct

<220>
<221> VARIANT
<222> (31)
<223> Xaa at position 31 is N-methylalanine

<220>
<221> VARIANT
<222> (36)..(38)
<223> Xaa at positions 36, 37 and 38 is N-methylalanine

<220>
<221> MOD_RES
<222> (39)
<223> AMIDATION, Position 39 is Ser-NH2

<400> 38
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
20 25 30

Ser Gly Ala Xaa Xaa Xaa Ser
35

<210> 39
<211> 39
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Construct

<220>
<221> VARIANT
<222> (36)..(38)
<223> Xaa at positions 36, 37, and 38 is N-methylalanine

<220>
<221> MOD_RES
<222> (39)
<223> AMIDATION, Position 39 is Ser-NH2

<400> 39

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30

Ser Gly Ala Xaa Xaa Xaa Ser
 35

<210> 40
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Construct

<220>
 <221> VARIANT
 <222> (31)
 <223> Xaa at position 31 is N-methylalanine

<220>
 <221> VARIANT
 <222> (36)..(38)
 <223> Xaa at positions 36, 37, and 38 is N-methylalanine

<220>
 <221> MOD_RES
 <222> (39)
 <223> AMIDATION, Position 39 is Ser-NH2

<400> 40
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Xaa Ser
 20 25 30

Ser Gly Ala Xaa Xaa Xaa Ser
 35

<210> 41
 <211> 29
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Construct

<220>
 <221> VARIANT
 <222> (1)
 <223> Xaa at position 1 is His, Arg or Tyr

<220>
 <221> VARIANT
 <222> (2)
 <223> Xaa at position 2 is Ser, Gly Ala, or Thr

<220>
 <221> VARIANT
 <222> (3)
 <223> Xaa at position 3 is Asp or Glu

<220>
 <221> VARIANT
 <222> (5)
 <223> Xaa at position 5 is Ala or Thr

<220>
 <221> VARIANT
 <222> (6)
 <223> Xaa at position 6 is Ala, Phe, Tyr or
 naphthylalanine

<220>
 <221> VARIANT
 <222> (7)
 <223> Xaa at position 7 is Thr or Ser

<220>
 <221> VARIANT
 <222> (8)
 <223> Xaa at position 8 is Ala, Ser or Thr

<220>
 <221> VARIANT
 <222> (9)
 <223> Xaa at position 9 is Asp or Glu

<220>
 <221> VARIANT
 <222> (10)
 <223> Xaa at position 10 is Ala, Leu, Ile, Val,
 pentylglycine, or Met

<220>
 <221> VARIANT
 <222> (11)
 <223> Xaa at position 11 is Ala or Ser

<220>
 <221> VARIANT
 <222> (12)
 <223> Xaa at position 12 is Ala or Lys

<220>
 <221> VARIANT
 <222> (13)
 <223> Xaa at position 13 is Ala or Gln

<220>
 <221> VARIANT
 <222> (14)
 <223> Xaa at position 14 is Ala, Leu, Ile,
 pentylglycine, Val or Met

<220>
 <221> VARIANT
 <222> (15)
 <223> Xaa at position 15 is Ala or Glu

<220>
 <221> VARIANT
 <222> (16)..(17)
 <223> Xaa at position 16 and 17 is Ala or Glu

<220>
 <221> VARIANT
 <222> (19)
 <223> Xaa at position 19 is Ala or Val

<220>
 <221> VARIANT
 <222> (20)
 <223> Xaa at position 20 is Ala or Arg

<220>
 <221> VARIANT
 <222> (21)
 <223> Xaa at position 21 is Ala or Leu

<220>
 <221> VARIANT
 <222> (22)
 <223> Xaa at position 22 is Ala, Phe, Tyr, or
 naphthylalanine

<220>
 <221> VARIANT
 <222> (23)
 <223> Xaa at position 23 is Ile, Val, Leu,
 pentylglycine, tert-butylglycine, or Met

<220>
 <221> VARIANT
 <222> (24)
 <223> Xaa at position 24 is Ala, Glu, or Asp

<220>
 <221> VARIANT
 <222> (25)
 <223> Xaa at position 25 is Ala, Trp, Phe, Tyr or
 naphthylalanine

<220>
 <221> VARIANT
 <222> (26)

<223> Xaa at position 26 is Ala or Leu

<220>

<221> VARIANT

<222> (27)

<223> Xaa at position 27 is Ala or Lys

<220>

<221> VARIANT

<222> (28)

<223> Xaa at position 28 is Ala or Asn

<220>

<221> VARIANT

<222> (29)

<223> Xaa at position 29 is OH, NH₂, Gly-OH, Gly-NH₂,
Gly-Gly-OH, Gly-Gly-NH₂ and further as in the
specification

<400> 41

Xaa	Xaa	Xaa	Gly	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
1				5				10						15	

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
			20					25					

<210> 42

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Construct

<220>

<221> VARIANT

<222> (1)

<223> Xaa at position 1 is His, Arg, Tyr, Ala,
norvaline, Val, or norleucine

<220>

<221> VARIANT

<222> (2)

<223> Xaa at position 2 is Ser, Gly, Ala, or Thr

<220>

<221> VARIANT

<222> (3)

<223> Xaa at position 3 is Ala, Asp, or Glu

<220>

<221> VARIANT

<222> (4)

<223> Xaa at position 4 is Ala, norvaline, Val,
norleucine or Gly

<220>
 <221> VARIANT
 <222> (5)
 <223> Xaa at position 5 is Ala or Thr

<220>
 <221> VARIANT
 <222> (6)
 <223> Xaa at position 6 is Phe, Tyr, or naphthylalanine

<220>
 <221> VARIANT
 <222> (7)
 <223> Xaa at position 7 is Thr or Ser

<220>
 <221> VARIANT
 <222> (8)
 <223> Xaa at position 8 is Ala, Ser, or Thr

<220>
 <221> VARIANT
 <222> (9)
 <223> Xaa at position 9 is Ala, norvaline, norleucine,
 Asp or Glu

<220>
 <221> VARIANT
 <222> (10)
 <223> Xaa at position 10 is Ala, Leu, Ile, Val,
 pentylglycine, or Met

<220>
 <221> VARIANT
 <222> (11)
 <223> Xaa at position 11 is Ala or Ser

<220>
 <221> VARIANT
 <222> (12)
 <223> Xaa at position 12 is Ala or Lys

<220>
 <221> VARIANT
 <222> (13)
 <223> Xaa at position 13 is Ala or Gln

<220>
 <221> VARIANT
 <222> (14)
 <223> Xaa at position 14 is Ala, Leu, Ile,
 pentylglycine, Val or Met

<220>
 <221> VARIANT
 <222> (15)..(17)

<223> Xaa at positions 15, 16, and 17 is Ala or Glu

 <220>
 <221> VARIANT
 <222> (19)
 <223> Xaa at position 19 is Ala or Val

 <220>
 <221> VARIANT
 <222> (20)
 <223> Xaa at position 20 is Ala or Arg

 <220>
 <221> VARIANT
 <222> (21)
 <223> Xaa at position 21 is Ala or Leu

 <220>
 <221> VARIANT
 <222> (22)
 <223> Xaa at position 22 is Phe, Tyr or naphthylalanine

 <220>
 <221> VARIANT
 <222> (23)
 <223> Xaa at position 23 is Ile, Val, Leu,
 pentylglycine, tert-butylglycine or Met

 <220>
 <221> VARIANT
 <222> (24)
 <223> Xaa at position 24 is Ala, Glu or Asp

 <220>
 <221> VARIANT
 <222> (25)
 <223> Xaa at position 25 is Ala, Trp, Phe, Tyr or
 naphthylalanine

 <220>
 <221> VARIANT
 <222> (26)
 <223> Xaa at position 26 is Ala or Leu

 <220>
 <221> VARIANT
 <222> (27)
 <223> Xaa at position 27 is Ala or Lys

 <220>
 <221> VARIANT
 <222> (28)
 <223> Xaa at position 28 is Ala or Asn

 <220>
 <221> VARIANT
 <222> (29)

<223> Xaa at position 29 is OH, NH2, Gly-OH, Gly-NH2,
Gly-Gly-OH, Gly-Gly-NH2 and further as indicated
in the specification

<400> 42

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25

<210> 43

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Construct

<220>

<221> VARIANT

<222> (1)

<223> Xaa at position 1 is His or Arg

<220>

<221> VARIANT

<222> (2)

<223> Xaa at position 2 is Gly or Ala

<220>

<221> VARIANT

<222> (3)

<223> Xaa at position 3 is Asp or Glu

<220>

<221> VARIANT

<222> (5)

<223> Xaa at position 5 is Ala or Thr

<220>

<221> VARIANT

<222> (6)

<223> Xaa at position 6 is Ala, Phe, or naphthylalanine

<220>

<221> VARIANT

<222> (7)

<223> Xaa at position 7 is Ser, or Thr

<220>

<221> VARIANT

<222> (8)

<223> Xaa at position 8 is Ala, Ser, or Thr

<220>

<221> VARIANT

<222> (9)
 <223> Xaa at position 9 is Asp or Glu

 <220>
 <221> VARIANT
 <222> (10)
 <223> Xaa at position 10 is Ala, Leu, or pentylglycine

 <220>
 <221> VARIANT
 <222> (11)
 <223> Xaa at position 11 is Ala or Ser

 <220>
 <221> VARIANT
 <222> (12)
 <223> Xaa at position 12 is Ala or Lys

 <220>
 <221> VARIANT
 <222> (13)
 <223> Xaa at position 13 Ala or Gln

 <220>
 <221> VARIANT
 <222> (14)
 <223> Xaa at position 14 is Ala, Leu or pentylglycine

 <220>
 <221> VARIANT
 <222> (15)..(17)
 <223> Xaa at positions 15, 16, and 17 is Ala or Glu

 <220>
 <221> VARIANT
 <222> (19)
 <223> Xaa at position 19 is Ala or Val

 <220>
 <221> VARIANT
 <222> (20)
 <223> Xaa at position 20 is Ala or Arg

 <220>
 <221> VARIANT
 <222> (21)
 <223> Xaa at position 21 is Ala or Leu

 <220>
 <221> VARIANT
 <222> (22)
 <223> Xaa at position 22 is Phe or naphthylalanine

 <220>
 <221> VARIANT
 <222> (23)
 <223> Xaa at position 23 is Ile, Val or

tert-butylglycine

<220>

<221> VARIANT

<222> (24)

<223> Xaa at position 24 is Ala, Glu or Asp

<220>

<221> VARIANT

<222> (25)

<223> Xaa at position 25 is Ala, Trp or Phe

<220>

<221> VARIANT

<222> (26)

<223> Xaa at position 26 is Ala or Leu

<220>

<221> VARIANT

<222> (27)

<223> Xaa at position is Ala or Lys

<220>

<221> VARIANT

<222> (28)

<223> Xaa at position 28 is Ala or Asn

<220>

<221> VARIANT

<222> (29)

<223> Xaa at position 29 is -OH, -NH₂, Gly-OH, Gly-NH₂,
Gly-Gly-OH, Gly-Gly-NH₂, and further as indicated
in the specification

<400> 43

Xaa	Xaa	Xaa	Gly	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
1				5				10						15	

Xaa	Ala	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
			20					25					

<210> 44

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Construct

<220>

<221> VARIANT

<222> (1)

<223> Xaa in position 1 is His or Ala

<220>

<221> VARIANT
 <222> (2)
 <223> Xaa in position 2 is Gly or Ala

 <220>
 <221> VARIANT
 <222> (3)
 <223> Xaa in position 3 is Ala, Asp or Glu

 <220>
 <221> VARIANT
 <222> (4)
 <223> Xaa in position 4 is Ala or Gly

 <220>
 <221> VARIANT
 <222> (5)
 <223> Xaa in position 5 is Ala or Thr

 <220>
 <221> VARIANT
 <222> (6)
 <223> Xaa in position 6 is Phe or naphthylalanine

 <220>
 <221> VARIANT
 <222> (7)
 <223> Xaa in position 7 is Thr or Ser

 <220>
 <221> VARIANT
 <222> (8)
 <223> Xaa in position 8 is Ala, Ser or Thr

 <220>
 <221> VARIANT
 <222> (9)
 <223> Xaa in position 9 is Ala, Asp or Glu

 <220>
 <221> VARIANT
 <222> (10)
 <223> Xaa in position 10 is Ala, Leu or pentylglycine

 <220>
 <221> VARIANT
 <222> (11)
 <223> Xaa in position 11 is Ala or Ser

 <220>
 <221> VARIANT
 <222> (12)
 <223> Xaa in position 12 is Ala or Lys

 <220>
 <221> VARIANT

<222> (13)
 <223> Xaa in position 13 is Ala or Gln

 <220>
 <221> VARIANT
 <222> (14)
 <223> Xaa in position 14 is Ala, Leu, Met or
 pentylglycine

 <220>
 <221> VARIANT
 <222> (15)..(17)
 <223> Xaa in positions 15, 16 & 17 is Ala or Glu

 <220>
 <221> VARIANT
 <222> (19)
 <223> Xaa in position 19 is Ala or Val

 <220>
 <221> VARIANT
 <222> (20)
 <223> Xaa in position 20 is Ala or Arg

 <220>
 <221> VARIANT
 <222> (21)
 <223> Xaa in position 21 is Ala or Leu

 <220>
 <221> VARIANT
 <222> (22)
 <223> Xaa at position 22 is Phe or naphthylalanine

 <220>
 <221> VARIANT
 <222> (23)
 <223> Xaa at position 23 is Ile, Val or
 tert-butylglycine

 <220>
 <221> VARIANT
 <222> (24)
 <223> Xaa at position 24 is Ala, Glu or Asp

 <220>
 <221> VARIANT
 <222> (25)
 <223> Xaa at position 25 is Ala, Trp or Phe

 <220>
 <221> VARIANT
 <222> (26)
 <223> Xaa at position 26 is Ala or Leu

 <220>

<221> VARIANT
 <222> (27)
 <223> Xaa at position 27 is Ala or Lys

 <220>
 <221> VARIANT
 <222> (28)
 <223> Xaa at position 28 is Ala or Asn

 <220>
 <221> VARIANT
 <222> (29)
 <223> Xaa at position 29 is OH, NH2, Gly-OH, Gly-NH2,
 Gly-Gly-OH, Gly-Gly-NH2 and further as indicated
 in the specification

 <400> 44
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25

 <210> 45
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Construct

 <220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 is His, Arg, Tyr or
 4-imidazopropionyl

 <220>
 <221> VARIANT
 <222> (2)
 <223> Xaa in position 2 is Ser, Gly, Ala or Thr

 <220>
 <221> VARIANT
 <222> (3)
 <223> Xaa in position 3 is Asp or Glu

 <220>
 <221> VARIANT
 <222> (5)
 <223> Xaa in position 5 is Ala or Thr

 <220>
 <221> VARIANT
 <222> (6)

<223> Xaa in position 6 is Ala, Phe, Tyr or
 naphthylalanine

 <220>
 <221> VARIANT
 <222> (7)
 <223> Xaa in position 8 is Thr or Ser

 <220>
 <221> VARIANT
 <222> (8)
 <223> Xaa in position 8 is Ala, Ser or Thr

 <220>
 <221> VARIANT
 <222> (9)
 <223> Xaa in position 9 is Asp or Glu

 <220>
 <221> VARIANT
 <222> (10)
 <223> Xaa in position 10 is Ala, Leu, Ile, Val,
 pentylglycine or Met

 <220>
 <221> VARIANT
 <222> (11)
 <223> Xaa in position 11 is Ala or Ser

 <220>
 <221> VARIANT
 <222> (12)
 <223> Xaa in position 12 is Ala or Lys

 <220>
 <221> VARIANT
 <222> (13)
 <223> Xaa in position 13 is Ala or Gln

 <220>
 <221> VARIANT
 <222> (14)
 <223> Xaa in position 14 is Ala, Leu, Ile,
 pentylglycine, Val or Met

 <220>
 <221> VARIANT
 <222> (15)..(17)
 <223> Xaa in positions 15, 16 & 17 is Ala or Glu

 <220>
 <221> VARIANT
 <222> (19)
 <223> Xaa in position 19 is Ala or Val

 <220>
 <221> VARIANT

<222> (20)
 <223> Xaa in position 20 is Ala or Arg

 <220>
 <221> VARIANT
 <222> (21)
 <223> Xaa in position 21 is Ala, Leu, Lys-NH3-R where R
 is Lys, Arg, C1-C10 straight chain or branched
 alkanoyl or cycloalkanoyl

 <220>
 <221> VARIANT
 <222> (22)
 <223> Xaa in position 22 is Phe, Tyr, or naphthylalanine

 <220>
 <221> VARIANT
 <222> (23)
 <223> Xaa at position 23 is Ile, Val, Leu, pentylglycine,
 tert-butylglycine or Met

 <220>
 <221> VARIANT
 <222> (24)
 <223> Xaa at position 24 is Ala, Glu or Asp

 <220>
 <221> VARIANT
 <222> (25)
 <223> Xaa at position 25 is Ala, Trp, Phe, Tyr or
 naphthylalanine

 <220>
 <221> VARIANT
 <222> (26)
 <223> Xaa at position 26 is Ala or Leu

 <220>
 <221> VARIANT
 <222> (27)
 <223> Xaa at position 27 is Lys-Asn, Asn-Lys,
 Lys-NH3-R-Asn, Asn-Lys-NH3-R, Lys-NH3-R-Ala,
 Ala-Lys-NH3-R, where R is Lys, Arg, C1-C10 straight
 chain or branched alkanoyl or cycloalkylalkanoyl

 <220>
 <221> VARIANT
 <222> (28)
 <223> Xaa at position 28 is OH, NH2, Gly-OH, Gly-NH2,
 Gly-Gly-OH, Gly-Gly-NH2 and further as indicated
 in the specification

 <400> 45
 Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 Xaa Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

<210> 46
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Construct

<220>
<221> VARIANT
<222> (1)
<223> Xaa in position 1 is His, Arg, Tyr, Ala, norvaline, Val norleucine, or 4-imidazopropionyl

<220>
<221> VARIANT
<222> (2)
<223> Xaa in position 2 is Ser, Gly, Ala, or Thr

<220>
<221> VARIANT
<222> (3)
<223> Xaa in position 3 is Ala, Asp, or Glu

<220>
<221> VARIANT
<222> (4)
<223> Xaa in position 4 is Ala, norvaline, Val, norleucine or Gly

<220>
<221> VARIANT
<222> (5)
<223> Xaa in position 5 is Ala or Thr

<220>
<221> VARIANT
<222> (6)
<223> Xaa in position 6 is Phe, Tyr or naphthylalanine

<220>
<221> VARIANT
<222> (7)
<223> Xaa in position 7 is Thr or Ser

<220>
<221> VARIANT
<222> (8)
<223> Xaa in position 8 is Ala, Ser or Thr

<220>
<221> VARIANT
<222> (9)

<223> Xaa in position 9 is Ala, Norvaline, Val,
 Norleucine, Asp or Glu

<220>
 <221> VARIANT
 <222> (10)
 <223> Xaa in position 10 is Ala, Leu, Ile, Val
 pentylglycine or Met

<220>
 <221> VARIANT
 <222> (11)
 <223> Xaa in position 11 is Ala or Ser

<220>
 <221> VARIANT
 <222> (12)
 <223> Xaa in position 12 is Ala or Lys

<220>
 <221> VARIANT
 <222> (13)
 <223> Xaa in position 13 is Ala or Gln

<220>
 <221> VARIANT
 <222> (14)
 <223> Xaa in position 14 is Ala, Leu, Ile, pentylglycine
 Val or Met

<220>
 <221> VARIANT
 <222> (15)..(17)
 <223> Xaa in positions 15, 16 & 17 stands for Ala or Glu

<220>
 <221> VARIANT
 <222> (19)
 <223> Xaa in position 19 is Ala or Val

<220>
 <221> VARIANT
 <222> (20)
 <223> Xaa in position 20 is Ala or Arg

<220>
 <221> VARIANT
 <222> (21)
 <223> Xaa in position 21 is Ala, Leu or Lys-NH₃ where R
 is Lys, Arg, C1-C10 straight chain or branched
 alkanoyl or cycloalylel-alkanoyl

<220>
 <221> VARIANT
 <222> (22)
 <223> Xaa at position 22 is Phe, Tyr or naphthylalanine

<220>
 <221> VARIANT
 <222> (23)
 <223> Xaa at position 23 is Ile, Val, Leu, pentylglycine,
 tert-butylglycine or Met

<220>
 <221> VARIANT
 <222> (24)
 <223> Xaa at position 24 is Ala, Glu or Asp

<220>
 <221> VARIANT
 <222> (25)
 <223> Xaa at position 25 is Ala, Trp, Phe, Tyr
 or naphthylalanine

<220>
 <221> VARIANT
 <222> (26)
 <223> Xaa at position 26 is Ala or Leu

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa at position 27 is Lys-Asn, Asn-Lys,
 Lys-NH3-R-Asn, Asn-Lys-NH3-R, Lys-NH3-R-Ala,
 Ala-Lys-NH3-R, where R is Lys, Arg, C1-C10 straight
 chain or branched alkanoyl or cycloalkylalkanoyl

<220>
 <221> VARIANT
 <222> (28)
 <223> Xaa at position 28 is OH, NH2, Gly-OH, Gly-NH2,
 Gly-Gly-OH, Gly-Gly-NH2 and further as indicated
 in the specification

<400> 46
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25

<210> 47
 <211> 40
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Construct

<220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 is His, Arg or Thr

<220>
 <221> VARIANT
 <222> (2)
 <223> Xaa in position 2 is Ser, Gly, Ala, or Thr

<220>
 <221> VARIANT
 <222> (3)
 <223> Xaa in position 3 is Asp or Glu

<220>
 <221> VARIANT
 <222> (6)
 <223> Xaa in position 6 is Phe, Tyr or naphthalanine

<220>
 <221> VARIANT
 <222> (7)
 <223> Xaa in position 7 is Thr or Ser

<220>
 <221> VARIANT
 <222> (8)
 <223> Xaa in position 8 is Ser or Thr

<220>
 <221> VARIANT
 <222> (9)
 <223> Xaa in position 9 is Asp or Glu

<220>
 <221> VARIANT
 <222> (10)
 <223> Xaa in position 10 is Leu, Ile, Val, pentylglycine
 or Met

<220>
 <221> VARIANT
 <222> (14)
 <223> Xaa at position 14 is Leu, Ile, pentylglycine,
 Val or Met

<220>
 <221> VARIANT
 <222> (22)
 <223> Xaa in position 22 is Phe, Tyr or naphthylalanine

<220>
 <221> VARIANT
 <222> (23)
 <223> Xaa in position 23 is Ile, Val, Leu,
 pentylglycine, tert-butylglycine or Met

<220>
 <221> VARIANT
 <222> (24)

<223> Xaa in position 24 is Glu or Asp

<220>

<221> VARIANT

<222> (25)

<223> Xaa in position 25 is Trp, Phe, Tyr or
naphthylalanine

<220>

<221> VARIANT

<222> (31)

<223> Xaa in position 31 is independently Pro,
homoproline, 3-hydroxyproline, 4-hydroxyproline,
thiopline, N-alkylglycine, N-alkylpentylglycine
or N-alkylalanine

<220>

<221> VARIANT

<222> (36) .. (38)

<223> Xaa in positions 36, 37 & 38 is independently Pro,
homoproline, 3-hydroxyproline, 4-hydroxyproline,
thiopline, N-alkylglycine, N-alkylpentylglycine
or N-alkylalanine

<220>

<221> VARIANT

<222> (39)

<223> Xaa in position 39 is Ser, Thr or Tyr

<220>

<221> VARIANT

<222> (40)

<223> Xaa in position 40 is -OH or -NH₃, with the
proviso that the compound does not have the
formula of either SEQ. ID. NOS. 1 or 2

<400> 47

Xaa	Xaa	Xaa	Gly	Thr	Xaa	Xaa	Xaa	Xaa	Xaa	Ser	Lys	Gln	Xaa	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Xaa	Xaa	Xaa	Xaa	Leu	Lys	Asn	Gly	Gly	Xaa	Ser
			20					25					30		

Ser	Gly	Ala	Xaa	Xaa	Xaa	Xaa	Xaa
			35				40

<210> 48

<211> 40

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Construct

<220>

<221> VARIANT

<222> (1)
 <223> Xaa in position 1 is His, Arg, Tyr or
 4-imidazopropionyl

<220>
 <221> VARIANT
 <222> (2)
 <223> Xaa in position 2 is Ser, Gly, Ala or Thr

<220>
 <221> VARIANT
 <222> (3)
 <223> Xaa in position 3 is Asp or Glu

<220>
 <221> VARIANT
 <222> (6)
 <223> Xaa in position 6 is Phe, Tyr or naphthylalanine

<220>
 <221> VARIANT
 <222> (7)..(8)
 <223> Xaa in positions 7 & 8 is Thr or Ser

<220>
 <221> VARIANT
 <222> (9)
 <223> Xaa in position 9 is Asp or Glu

<220>
 <221> VARIANT
 <222> (10)
 <223> Xaa in position 10 is Leu, Ile, Val, pentylglycine
 or Met

<220>
 <221> VARIANT
 <222> (14)
 <223> Xaa at position 14 is Leu, Ile, pentylglycine,
 Val or Met

<220>
 <221> VARIANT
 <222> (22)
 <223> Xaa in position 22 is Phe, Tyr or naphthylalanine

<220>
 <221> VARIANT
 <222> (23)
 <223> Xaa in position 23 is Ile, Val, Lu, pentylglycine,
 tert-butylglycine or Met

<220>
 <221> VARIANT
 <222> (24)
 <223> Xaa in position 24 is Glu or Asp

<220>
 <221> VARIANT
 <222> (25)
 <223> Xaa in position 25 is Trp, Phe, Tyr, or
 naphthylalanine

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 is Lys-Asn-Lys, Lys-NH3-R-Asn,
 Asn-Lys-NH3-R where R is Lys, Arg, C1-C10 straight
 chain or branched alkanoyl or cycloalkylalkanoyl

<220>
 <221> VARIANT
 <222> (30)
 <223> Xaa in position is independently Pro,
 homoproline, 3-hydroxyproline, 4-hydroxyproline,
 thioproline, N-alkylglycine, N-alkylpentylglycine
 or N-alkylalanine

<220>
 <221> VARIANT
 <222> (35)..(39)
 <223> Xaa in positions 35-39 is independently Pro,
 homoproline, 3-hydroxyproline, 4-hydroxyproline,
 thioproline, N-alkylglycine, N-alkylpentylglycine
 or N-alkylalanine

<220>
 <221> VARIANT
 <222> (40)
 <223> Xaa in position 40 is -OH or NH2, with the proviso
 that the compound does not have the formula of
 either SEQ. ID. NOS. 1 or 2

<400> 48
 Xaa Xaa Xaa Gly Thr Xaa Xaa Xaa Xaa Xaa Ser Lys Gln Xaa Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Xaa Xaa Xaa Xaa Leu Xaa Gly Gly Xaa Ser Ser
 20 25 30
 Gly Ala Xaa Xaa Xaa Xaa Xaa
 35 40

<210> 49
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>

<221> AMIDATION

<222> (30)

<223> Gly in position 30 is amidated

<400> 49

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly
			20				25					30	

<210> 50

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 50

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn
			20				25				

<210> 51

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 51

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn
			20				25				

<210> 52

<211> 28

<212> PRT

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 52
 His Ala Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 53
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 53
 His Gly Glu Gly Ala Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 54
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 54
 His Gly Glu Gly Thr Ala Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn

20

25

<210> 55
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 55
His Gly Glu Gly Thr Phe Thr Ala Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 56
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 56
His Gly Glu Gly Thr Phe Thr Ser Asp Ala Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 57
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 57
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ala Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 58
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 58
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Ala Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 59
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 59
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Ala Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 60
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 60

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Ala Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 61

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 61

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Ala Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 62

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 62

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Ala
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 63

<211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 63
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Ala Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

 <210> 64
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 64
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Ala Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

 <210> 65
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 65
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu

1	5	10	15
---	---	----	----

Glu Ala Val Ala Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 66
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 66
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Ala Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 67
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 67
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Ala Phe Leu Lys Asn
20 25

<210> 68
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 68

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Ala Leu Lys Asn
20 25

<210> 69

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 69

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Ala Lys Asn
20 25

<210> 70

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 70

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Ala Asn
20 25

<210> 71

<211> 28

<212> PRT

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Ala in position 28 is amidated

<400> 71
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Ala
 20 25

<210> 72
 <211> 38
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (38)
 <223> Pro in position 38 is amidated

<400> 72
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30
 Ser Gly Ala Pro Pro Pro
 35

<210> 73
 <211> 38
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (38)
 <223> Pro in position 38 is amidated

<400> 73
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro
35

<210> 74
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (37)
<223> Pro in position 37 is amidated

<400> 74
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro
35

<210> 75
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (37)
<223> Pro in position 37 is amidated

<400> 75
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro
35

<210> 76
<211> 36

<212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (36)
 <223> Pro in position 36 is amidated

 <400> 76
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30

 Ser Gly Ala Pro
 35

 <210> 77
 <211> 36
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (36)
 <223> Pro in position 36 is amidated

 <400> 77
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
 20 25 30

 Ser Gly Ala Pro
 35

 <210> 78
 <211> 35
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION

<222> (35)

<223> Ala in position 35 is amidated

<400> 78

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala
35

<210> 79

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (35)

<223> Ala in position 35 is amidated

<400> 79

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala
35

<210> 80

<211> 34

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (34)

<223> Gly in position 34 is amidated

<400> 80

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly

<210> 81
<211> 34
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (34)
<223> Gly in position 34 is amidated

<400> 81
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly

<210> 82
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (33)
<223> Ser in position 33 is amidated

<400> 82
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser

<210> 83
<211> 33
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (33)

<223> Ser in position 33 is amidated

<400> 83

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser

<210> 84

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (32)

<223> Ser in position 32 is amidated

<400> 84

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

<210> 85

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (32)

<223> Ser in position 32 is amidated

<400> 85

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
 20 25 30

<210> 86
 <211> 31
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (31)
 <223> Pro in position 31 is amidated

<400> 86
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro
 20 25 30

<210> 87
 <211> 31
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (31)
 <223> Pro in position 31 is amidated

<400> 87
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro
 20 25 30

<210> 88
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION

<222> (30)
 <223> Gly in position 30 is amidated

 <400> 88
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly
 20 25 30

 <210> 89
 <211> 29
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (29)
 <223> Gly in position 29 is amidated

 <400> 89
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly
 20 25

 <210> 90
 <211> 29
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (29)
 <223> Gly in position 29 is amidated

 <400> 90
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly
 20 25

 <210> 91
 <211> 38
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (31)

<223> Xaa in position 31 is tPro

<220>

<221> VARIANT

<222> (36)..(38)

<223> Xaa in positions 36-38 is tPro

<220>

<221> AMIDATION

<222> (38)

<223> tPro in position 38 is amidated

<400> 91

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly	Xaa	Ser
			20					25					30		

Ser	Gly	Ala	Xaa	Xaa	Xaa
			35		

<210> 92

<211> 38

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (36)...(38)

<223> Xaa in positions 36-38 is tPro

<220>

<221> AMIDATION

<222> (38)

<223> tPro in position 38 is amidated

<400> 92

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly	Pro	Ser
			20					25					30		

Ser	Gly	Ala	Xaa	Xaa	Xaa
-----	-----	-----	-----	-----	-----

35

<210> 93
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> VARIANT
<222> (31)
<223> Xaa in position 31 stands for Nme

<220>
<221> AMIDATION
<222> (37)
<223> Pro in position 37 is amidated

<400> 93
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
20 25 30

Ser Gly Ala Pro Pro
35

<210> 94
<211> 37
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> VARIANT
<222> (31)
<223> Xaa in position 31 is Nme

<220>
<221> VARIANT
<222> (36)..(37)
<223> Xaa in positions 36-37 is Nme

<220>
<221> AMIDATION
<222> (37)
<223> Nme in position 37 is amidated

<400> 94
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu

1	5	10	15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser			
20	25	30	

Ser Gly Ala Xaa Xaa
35

<210> 95
 <211> 37
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (31)
 <223> Xaa in position 31 stands for hPro

<220>
 <221> VARIANT
 <222> (36)..(37)
 <223> Xaa in positions 36-37 stands for hPro

<220>
 <221> AMIDATION
 <222> (37)
 <223> hPro in position 37 is amidated

<400> 95
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
20 25 30

Ser Gly Ala Xaa Xaa
35

<210> 96
 <211> 36
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (31)
 <223> Xaa in position 31 stands for hPro

<220>
 <221> VARIANT
 <222> (36)
 <223> Xaa in position 36 stands for hPro

<220>
 <221> AMIDATION
 <222> (36)
 <223> hPro in position 36 is amidated

<400> 96
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
 20 25 30
 Ser Gly Ala Xaa
 35

<210> 97
 <211> 35
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (35)
 <223> Ala in position 35 is amidated

<400> 97
 Arg Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30
 Ser Gly Ala
 35

<210> 98
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (30)
 <223> Gly in position 30 is amidated

<400> 98

His Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly
20 25 30

<210> 99

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (6)

<223> Xaa in position 6 stands for naph

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 99

His Gly Glu Gly Thr Xaa Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 100

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 100

His Gly Glu Gly Thr Phe Ser Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 101

<211> 28

<212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 101
 His Gly Glu Gly Thr Phe Ser Thr Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
 20 25

 <210> 102
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 102
 His Gly Glu Gly Thr Phe Thr Ser Glu Leu Ser Lys Gln Met Ala Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
 20 25

 <210> 103
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> VARIANT
 <222> (10)
 <223> Xaa in position 10 stands for pGly

 <220>
 <221> AMIDATION
 <222> (28)

<223> Asn in position 28 is amidated

<400> 103

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Xaa	Ser	Lys	Gln	Leu	Glu	Glu
1				5				10					15		

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn
			20				25				

<210> 104

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (22)

<223> Xaa in position 22 stands for naph

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 104

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Glu
1				5				10					15		

Glu	Ala	Val	Arg	Leu	Xaa	Ile	Glu	Phe	Leu	Lys	Asn
			20				25				

<210> 105

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (23)

<223> Xaa in position 23 stands for tBug

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 105

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5				10					15		

Glu Ala Val Arg Leu Phe Xaa Glu Trp Leu Lys Asn
20 25

<210> 106
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 106
His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Asp Phe Leu Lys Asn
20 25

<210> 107
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (33)
<223> Ser in position 33 is amidated

<400> 107
His Gly Glu Gly Thr Phe Thr Ser Asp Ala Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser

<210> 108
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (29)
 <223> Gly in position 29 is amidated

<400> 108
 His Gly Glu Gly Thr Phe Thr Ser Asp Ala Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly
 20 25

<210> 109
 <211> 37
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (31)
 <223> Xaa in position 31 stands for hPro

<220>
 <221> VARIANT
 <222> (36)..(37)
 <223> Xaa in positions 36-37 stands for hPro

<220>
 <221> AMIDATION
 <222> (37)
 <223> hPro in position 37 is amidated

<400> 109
 His Gly Glu Gly Thr Phe Thr Ser Asp Ala Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
 20 25 30
 Ser Gly Ala Xaa Xaa
 35

<210> 110
 <211> 27
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>

<221> VARIANT
 <222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolylpropionyl-Gly

<220>
 <221> VARIANT
 <222> (26)
 <223> Xaa in position 26 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (27)
 <223> Asn in position 27 is amidated

<400> 110
 Xaa Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu Glu
 1 5 10 15
 Ala Val Arg Leu Phe Ile Glu Trp Leu Xaa Asn
 20 25

<210> 111
 <211> 27
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolylpropionyl-Gly

<220>
 <221> VARIANT
 <222> (26)
 <223> Xaa in position 26 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (27)
 <223> Asn in position 27 is amidated

<400> 111
 Xaa Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu Glu
 1 5 10 15
 Ala Val Arg Leu Phe Ile Glu Phe Leu Xaa Asn
 20 25

<210> 112
 <211> 29
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (1)

<223> Xaa in position 1 stands for
4-Imidazolylpropionyl-Gly

<220>

<221> VARIANT

<222> (26)

<223> Xaa in position 26 stands for Lys-NH(epsilon) octanoyl

<220>

<221> AMIDATION

<222> (29)

<223> Gly in position 29 is amidated

<400> 112

Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu	Glu
1				5				10					15		

Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Xaa	Asn	Gly	Gly
			20					25				

<210> 113

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (1)

<223> Xaa in position 1 stands for
4-Imidazolylpropionyl-Gly

<220>

<221> VARIANT

<222> (26)

<223> Xaa in position 26 stands for Lys-NH(epsilon) octanoyl

<220>

<221> AMIDATION

<222> (29)

<223> Gly in position 29 is amidated

<400> 113

Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Glu	Glu
1				5				10					15		

Ala Val Arg Leu Phe Ile Glu Phe Leu Xaa Asn Gly Gly
 20 25

<210> 114
 <211> 27
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolypropionyl-Gly

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (27)
 <223> Lys-NH(epsilon) octanoyl in position 27 is amidated

<400> 114
 Xaa Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu Glu
 1 5 10 15

Ala Val Arg Leu Phe Ile Glu Trp Leu Asn Xaa
 20 25

<210> 115
 <211> 27
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolypropionyl-Gly

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>

<221> AMIDATION

<222> (27)

<223> Lys-NH(epsilon) octanoyl in position 27 is amidated

<400> 115

Xaa Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu Glu
1 5 10 15

Ala Val Arg Leu Phe Ile Glu Phe Leu Asn Xaa
20 25

<210> 116

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (1)

<223> Xaa in position 1 stands for
4-Imidazolylpropionyl-Gly

<220>

<221> VARIANT

<222> (27)

<223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>

<221> AMIDATION

<222> (29)

<223> Gly in position 29 is amidated

<400> 116

Xaa Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu Glu
1 5 10 15

Ala Val Arg Leu Phe Ile Glu Trp Leu Asn Xaa Gly Gly
20 25

<210> 117

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (1)

<223> Xaa in position 1 stands for
4-Imidazolylpropionyl-Gly

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

 <220>
 <221> AMIDATION
 <222> (29)
 <223> Gly in position 29 is amidated

 <400> 117
 Xaa Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu Glu
 1 5 10 15

 Ala Val Arg Leu Phe Ile Glu Phe Leu Asn Xaa Gly Gly
 20 25

 <210> 118
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 118
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

 <210> 119
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 119
 His Gly Ala Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 120
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 120
His Gly Glu Ala Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 121
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 121
His Gly Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 122
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)

<223> Asn in position 28 is amidated

<400> 122

Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 123

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 123

His Gly Ala Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 124

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 124

His Gly Glu Ala Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 125

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 125

His Gly Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 126

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 126

His Gly Glu Gly Thr Phe Thr Ser Asp Ala Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 127

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 127

Ala Ala Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 128
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 128
Ala Ala Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 129
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 129
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 130
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 130

Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 131
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 131
Ala Gly Asp Gly Ala Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 132
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 132
Ala Gly Asp Gly Ala Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 133
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (6)
 <223> Xaa in position 6 stands for Nala

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 133
 Ala Gly Asp Gly Thr Xaa Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
 20 25

<210> 134
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (6)
 <223> Xaa in position 6 stands for Nala

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 134
 Ala Gly Asp Gly Thr Xaa Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 135
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 135
 Ala Gly Asp Gly Thr Phe Ser Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
 20 25

<210> 136
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 136
 Ala Gly Asp Gly Thr Phe Ser Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 137
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 137
 Ala Gly Asp Gly Thr Phe Thr Ala Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
 20 25

<210> 138
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 138
Ala Gly Asp Gly Thr Phe Thr Ala Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 139
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 139
Ala Gly Asp Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 140
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 140
Ala Gly Asp Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Leu Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 141
<211> 28

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 141
Ala Gly Asp Gly Thr Phe Thr Ser Glu Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 142
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 142
Ala Gly Asp Gly Thr Phe Thr Ser Glu Leu Ser Lys Gln Leu Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 143
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 143
Ala Gly Asp Gly Thr Phe Thr Ser Asp Ala Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 144
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 144
Ala Gly Asp Gly Thr Phe Thr Ser Asp Ala Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 145
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> VARIANT
<222> (10)
<223> Xaa in position 10 stands for Pgly

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 145
Ala Gly Asp Gly Thr Phe Thr Ser Asp Xaa Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 146
<211> 28
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> VARIANT
<222> (10)
<223> Xaa in position 10 stands for Pgly

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 146
Ala Gly Asp Gly Thr Phe Thr Ser Asp Xaa Ser Lys Gln Leu Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 147
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 147
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ala Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 148
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 148
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ala Lys Gln Leu Glu Glu

1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 149
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 149
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Ala Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 150
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 150
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Ala Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 151
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 151
 Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Ala Met Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
 20 25

 <210> 152
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 152
 Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Ala Leu Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

 <210> 153
 <211> 28
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

 <400> 153
 Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Ala Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
 20 25

 <210> 154
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 154

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn
			20					25			

<210> 155

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (14)

<223> Xaa in position 14 stands for pGly

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 155

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Xaa	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn
			20					25			

<210> 156

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (14)

<223> Xaa in position 14 stands for pGly

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 156
 Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Xaa Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 157
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 157
 Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Ala Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
 20 25

<210> 158
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 158
 Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Ala Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
 20 25

<210> 159
 <211> 28

<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 159

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Ala
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn
			20					25			

<210> 160

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 160

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Ala
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn
			20					25			

<210> 161

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 161

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Ala Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 162
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 162
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Ala Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 163
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 163
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Ala Arg Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 164
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION

<222> (28)
<223> Asn in position 28 is amidated

<400> 164
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Ala Arg Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 165
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 165
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Ala Leu Phe Ile Glu Trp Leu Lys Asn
20 25

<210> 166
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 166
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Ala Leu Phe Ile Glu Phe Leu Lys Asn
20 25

<210> 167
<211> 28
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 167

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Ala	Phe	Ile	Glu	Trp	Leu	Lys	Asn
			20					25			

<210> 168

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 168

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Ala	Phe	Ile	Glu	Phe	Leu	Lys	Asn
			20					25			

<210> 169

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (22)

<223> Xaa in position 22 stands for Nala

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 169

Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Xaa Ile Glu Trp Leu Lys Asn
 20 25

<210> 170
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (22)
 <223> Xaa in position 22 stands for Nala

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 170
 Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Xaa Ile Glu Phe Leu Lys Asn
 20 25

<210> 171
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 171
 Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Val Glu Trp Leu Lys Asn
 20 25

<210> 172
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 172

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Glu
1				5				10					15		

Glu	Ala	Val	Arg	Leu	Phe	Val	Glu	Phe	Leu	Lys	Asn
		20					25				

<210> 173

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (23)

<223> Xaa in position 23 stands for tGly

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 173

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5				10					15		

Glu	Ala	Val	Arg	Leu	Phe	Xaa	Glu	Trp	Leu	Lys	Asn
		20					25				

<210> 174

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (23)

<223> Xaa in position 23 stands for tGly

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<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 174
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1           5           10           15

Glu Ala Val Arg Leu Phe Xaa Glu Phe Leu Lys Asn
      20           25

<210> 175
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 175
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1           5           10           15

Glu Ala Val Arg Leu Phe Ile Asp Trp Leu Lys Asn
      20           25

<210> 176
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 176
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1           5           10           15

Glu Ala Val Arg Leu Phe Ile Asp Phe Leu Lys Asn
      20           25

<210> 177
<211> 28
<212> PRT

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 177

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Ala	Leu	Lys	Asn
			20					25			

<210> 178

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 178

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Ala	Leu	Lys	Asn
			20					25			

<210> 179

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Asn in position 28 is amidated

<400> 179

Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu Ala Val Arg Leu Phe Ile Glu Trp Ala Lys Asn
20 25

<210> 180
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 180
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Ala Lys Asn
20 25

<210> 181
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)
<223> Asn in position 28 is amidated

<400> 181
Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Ala Asn
20 25

<210> 182
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> AMIDATION
<222> (28)

<223> Asn in position 28 is amidated

<400> 182

Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Ala Asn
20 25

<210> 183

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Ala in position 28 is amidated

<400> 183

Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Ala
20 25

<210> 184

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (28)

<223> Ala in position 28 is amidated

<400> 184

Ala Gly Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Ala
20 25

<210> 185

<211> 38

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (38)

<223> Pro in position 38 is amidated

<400> 185

Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro
35

<210> 186

<211> 38

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (38)

<223> Pro in position 38 is amidated

<400> 186

His Gly Ala Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro
35

<210> 187

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (37)

<223> Pro in position 37 is amidated

<400> 187

His Gly Glu Ala Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30
 Ser Gly Ala Pro Pro
 35

<210> 188
 <211> 36
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (36)
 <223> Pro in position 36 is amidated

<400> 188
 His Gly Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30

Ser Gly Ala Pro
 35

<210> 189
 <211> 36
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (36)
 <223> Pro in position 36 is amidated

<400> 189
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Ala Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
 20 25 30

Ser Gly Ala Pro
 35

<210> 190
 <211> 35
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (35)

<223> Ala in position 35 is amidated

<400> 190

Ala	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly	Pro	Ser
			20					25					30		

Ser	Gly	Ala
		35

<210> 191

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (35)

<223> Ala in position 35 is amidated

<400> 191

His	Gly	Ala	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Leu	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Phe	Leu	Lys	Asn	Gly	Gly	Pro	Ser
			20					25					30		

Ser	Gly	Ala
		35

<210> 192

<211> 34

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (34)

<223> Gly in position 34 is amidated

<400> 192

His Gly Glu Ala Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly

<210> 193

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (33)

<223> Ser in position 33 is amidated

<400> 193

His Gly Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser

<210> 194

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (32)

<223> Ser in position 32 is amidated

<400> 194

Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

<210> 195
 <211> 32
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (32)
 <223> Ser in position 32 is amidated

 <400> 195
 His Gly Ala Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
 20 25 30

 <210> 196
 <211> 31
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (31)
 <223> Pro in position 31 is amidated

 <400> 196
 His Gly Glu Ala Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro
 20 25 30

 <210> 197
 <211> 30
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> AMIDATION
 <222> (30)
 <223> Gly in position 30 is amidated

 <400> 197

His Gly Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly
 20 25 30

<210> 198
 <211> 29
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (29)
 <223> Gly in position 29 is amidated

<400> 198
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly
 20 25

<210> 199
 <211> 38
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (31)
 <223> Xaa in position 31 stands for tPro

<220>
 <221> VARIANT
 <222> (36)..(38)
 <223> Xaa in positions 36-38 stands for tPro

<220>
 <221> AMIDATION
 <222> (38)
 <223> tPro in position 38 is amidated

<400> 199
 His Gly Ala Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser

20

25

30

Ser Gly Ala Xaa Xaa Xaa
35

<210> 200

<211> 38

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (36)..(38)

<223> Xaa in positions 36-38 stands for tPro

<220>

<221> AMIDATION

<222> (38)

<223> tPro in position 38 is amidated

<400> 200

His	Gly	Glu	Ala	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly	Pro	Ser
			20					25					30		

Ser Gly Ala Xaa Xaa Xaa
35

<210> 201

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (31)

<223> Xaa in position 31 stands for Nme

<220>

<221> VARIANT

<222> (36)..(37)

<223> Xaa in positions 36-37 stands for Nme

<220>

<221> AMIDATION

<222> (37)

<223> Nme in position 37 is amidated

<400> 201
 His Gly Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
 20 25 30
 Ser Gly Ala Xaa Xaa
 35

<210> 202
 <211> 36
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (31)
 <223> Xaa in position 31 stands for hPro

<220>
 <221> VARIANT
 <222> (36)
 <223> Xaa in position 36 stands for hPro

<220>
 <221> AMIDATION
 <222> (36)
 <223> hPro in position 36 is amidated

<400> 202
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa Ser
 20 25 30
 Ser Gly Ala Xaa
 35

<210> 203
 <211> 35
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (35)

<223> Ala in position 35 is amidated

<400> 203

His	Gly	Ala	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly	Pro	Ser
			20					25					30		

Ser	Gly	Ala
		35

<210> 204

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (30)

<223> Gly in position 30 is amidated

<400> 204

His	Gly	Asp	Ala	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly
			20					25					30

<210> 205

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 205

Ala	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Gly	Gly	Pro	Ser
			20					25					30		

Ser	Gly	Ala	Pro	Pro	Pro	Ser
						35

<210> 206
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> AMIDATION
 <222> (39)
 <223> Ser in position 39 is amidated

<400> 206
 Ala Gly Ala Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
 20 25 30
 Ser Gly Ala Pro Pro Pro Ser
 35

<210> 207
 <211> 27
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolylpropionyl-Gly

<220>
 <221> VARIANT
 <222> (26)
 <223> Xaa in position 26 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (27)
 <223> Asn in position 27 is amidated

<400> 207
 Xaa Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Met Glu Glu Glu
 1 5 10 15
 Ala Val Arg Leu Phe Ile Glu Trp Leu Xaa Asn
 20 25

<210> 208

<211> 27
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolylpropionyl-Gly

 <220>
 <221> VARIANT
 <222> (26)
 <223> Xaa in position 26 stands for Lys-NH(epsilon) octanoyl

 <220>
 <221> AMIDATION
 <222> (27)
 <223> Asn in position 27 is amidated

 <400> 208
 Xaa Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Leu Glu Glu Glu
 1 5 10 15

 Ala Val Arg Leu Phe Ile Glu Phe Leu Xaa Asn
 20 25

 <210> 209
 <211> 29
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

 <220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolylpropionyl-Gly

 <220>
 <221> VARIANT
 <222> (26)
 <223> Xaa in position 26 stands for Lys-NH(epsilon) octanoyl

 <220>
 <221> AMIDATION
 <222> (29)
 <223> Gly in position 29 is amidated

<400> 209
Xaa Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Met Glu Glu Glu
1 5 10 15

Ala Val Arg Leu Phe Ile Glu Trp Leu Xaa Asn Gly Gly
20 25

<210> 210
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> VARIANT
<222> (1)
<223> Xaa in position 1 stands for
4-Imidazolylpropionyl-Gly

<220>
<221> VARIANT
<222> (26)
<223> Xaa in position 26 stands for Lys-NH(epsilon) octanoyl

<220>
<221> AMIDATION
<222> (29)
<223> Gly in position 29 is amidated

<400> 210
Xaa Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Leu Glu Glu Glu
1 5 10 15

Ala Val Arg Leu Phe Ile Glu Phe Leu Xaa Asn Gly Gly
20 25

<210> 211
<211> 27
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
<221> VARIANT
<222> (1)
<223> Xaa in position 1 stands for
4-Imidazolylpropionyl-Gly

<220>
<221> VARIANT
<222> (27)

<223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>

<221> AMIDATION

<222> (27)

<223> Lys-NH(epsilon) octanoyl in position 27 is amidated

<400> 211

Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Ala	Leu	Ser	Lys	Gln	Met	Glu	Glu	Glu
1				5				10					15		

Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Asn	Xaa
			20					25		

<210> 212

<211> 27

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (1)

<223> Xaa in position 1 stands for
4-Imidazolylpropionyl-Gly

<220>

<221> VARIANT

<222> (27)

<223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>

<221> AMIDATION

<222> (27)

<223> Lys-NH(epsilon) octanoyl

<400> 212

Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Ala	Leu	Ser	Lys	Gln	Leu	Glu	Glu	Glu
1				5				10					15		

Ala	Val	Arg	Leu	Phe	Ile	Glu	Phe	Leu	Asn	Xaa
			20					25		

<210> 213

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> VARIANT

<222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolypropionyl-Gly

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (29)
 <223> Gly in position 29 is amidated

<400> 213
 Xaa Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Met Glu Glu Glu
 1 5 10 15
 Ala Val Arg Leu Phe Ile Glu Trp Leu Asn Xaa Gly Gly
 20 25

<210> 214
 <211> 29
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (1)
 <223> Xaa in position 1 stands for
 4-Imidazolypropionyl-Gly

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (29)
 <223> Gly in position 29 is amidated

<400> 214
 Xaa Glu Gly Thr Phe Thr Ser Ala Leu Ser Lys Gln Leu Glu Glu Glu
 1 5 10 15
 Ala Val Arg Leu Phe Ile Glu Phe Leu Asn Xaa Gly Gly
 20 25

<210> 215
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 215
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Xaa Asn
 20 25

<210> 216
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (28)
 <223> Asn in position 28 is amidated

<400> 216
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Xaa Asn
 20 25

<210> 217
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (30)
 <223> Gly in position 30 is amidated

<400> 217
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Xaa Asn Gly Gly
 20 25 30

<210> 218
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (27)
 <223> Xaa in position 27 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (30)
 <223> Gly in position 30 is amidated

<400> 218
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Xaa Asn Gly Gly
 20 25 30

<210> 219
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (28)
 <223> Xaa in position 28 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (28)
 <223> Lys-NH(epsilon) octanoyl in position 28 is amidated

<400> 219
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Asn Xaa
 20 25

<210> 220
 <211> 28
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (28)
 <223> Xaa in position 28 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (28)
 <223> Lys-NH(epsilon) octanoyl in position 28 is amidated

<400> 220
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Asn Xaa
 20 25

<210> 221
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (28)
 <223> Xaa in position 28 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (30)
 <223> Gly in position 30 is amidated

<400> 221
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Asn Xaa Gly Gly
 20 25 30

<210> 222
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> VARIANT
 <222> (28)
 <223> Xaa in position 28 stands for Lys-NH(epsilon) octanoyl

<220>
 <221> AMIDATION
 <222> (30)
 <223> Gly in position 30 is amidated

<400> 222
 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Asn Xaa Gly Gly
 20 25 30

<210> 223
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> MOD_RES
 <222> (12)
 <223> Lys-PEG

<220>
 <221> AMIDATION
 <222> (39)
 <223> Ser in position 39 is amidated

<400> 223
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser

20

25

30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 224

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (27)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 224

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 225

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (2)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 225

His Lys Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu

1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30
 Ser Gly Ala Pro Pro Pro Ser
 35

<210> 226
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> MOD_RES
 <222> (5)
 <223> Lys-PEG

<220>
 <221> AMIDATION
 <222> (39)
 <223> Ser in position 39 is amidated

<400> 226
 His Gly Glu Gly Lys Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30

Ser Gly Ala Pro Pro Pro Ser
 35

<210> 227
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> MOD_RES
 <222> (8)
 <223> Lys-PEG

<220>
 <221> AMIDATION
 <222> (39)
 <223> Ser in position 39 is amidated

<400> 227
 His Gly Glu Gly Thr Phe Thr Lys Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30
 Ser Gly Ala Pro Pro Pro Ser
 35

<210> 228
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> MOD_RES
 <222> (10)
 <223> Lys-PEG

<220>
 <221> AMIDATION
 <222> (39)
 <223> Ser in position 39 is amidated

<400> 228
 His Gly Glu Gly Thr Phe Thr Ser Asp Lys Ser Lys Gln Met Glu Glu
 1 5 10 15
 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30
 Ser Gly Ala Pro Pro Pro Ser
 35

<210> 229
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> MOD_RES
 <222> (11)
 <223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 229

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Lys Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 230

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (13)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 230

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Lys Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 231

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (16)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 231

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Lys
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 232

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (17)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 232

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Lys Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 233

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>
 <221> MOD_RES
 <222> (19)
 <223> Lys-PEG

<220>
 <221> AMIDATION
 <222> (39)
 <223> Ser in position 39 is amidated

<400> 233
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

 Glu Ala Lys Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30

 Ser Gly Ala Pro Pro Pro Ser
 35

<210> 234
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Amino Acid Sequence

<220>
 <221> MOD_RES
 <222> (21)
 <223> Lys-PEG

<220>
 <221> AMIDATION
 <222> (39)
 <223> Ser in position 39 is amidated

<400> 234
 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 1 5 10 15

 Glu Ala Val Arg Lys Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30

 Ser Gly Ala Pro Pro Pro Ser
 35

<210> 235
 <211> 39
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (24)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 235

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Lys Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 236

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (25)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 236

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Lys Leu Lys Asn Gly Gly Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

<210> 237

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (28)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 237

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Lys	Gly	Gly	Pro	Ser
			20					25					30		

Ser	Gly	Ala	Pro	Pro	Pro	Ser
			35			

<210> 238

<211> 39

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (29)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 238

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
1				5					10					15	

Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	Lys	Gly	Pro	Ser
			20					25					30		

Ser	Gly	Ala	Pro	Pro	Pro	Ser
			35			

<210> 239
<211> 39
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Amino Acid Sequence

<220>

<221> MOD_RES

<222> (30)

<223> Lys-PEG

<220>

<221> AMIDATION

<222> (39)

<223> Ser in position 39 is amidated

<400> 239

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Lys Pro Ser
20 25 30

Ser Gly Ala Pro Pro Pro Ser
35

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